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CURRICULUM COMMITTEE RECOMMENDATION

SR-16-17-50 CC

NOTE: The curricular form for each item listed may be accessed at www.marshall.edu/senate/ucc. Click the UCC Agendas/Minutes link; click the link for the April 7, 2017 meeting date; click the link in the Description column to open a particular item.

Recommends approval of the listed UNDERGRADUATE AREA OF EMPHASIS CHANGES in the following colleges and/or schools/program:

Area of Emphasis Change

- **COLLEGE of EDUCATION**

***Name of Area of Emphasis:** Mentally Impaired 5-12

***Rationale:** In recent years, teacher licensure for high incidence disabilities in West Virginia and many other states has changed from requiring certification that covers in all high incidence areas. Under our current program our undergraduates are not qualified for most K-12 special education positions and must immediately return to college and add additional certification areas to their license. Changing our program to Multi-categorical Special Education will mean our students will be fully qualified and eligible for appropriate certification upon graduation.

***Curriculum:** <http://www.marshall.edu/senate/ucc/archives/Multi-Cat%205-12%20AofE%20-%20change.pdf>

- **COLLEGE of HEALTH PROFESSIONS**

***Name of Area of Emphasis:** Sport Agency

***Rationale:** It is required to make a unique course for the student of Sport Agency Emphasis area. To become a better agent, it is very important analyzed data to explain player's performance. I can teach the 'Sport Performance Analysis' class based on my expertise. Also, there is no school in the U.S. that students can learn about it within sport management major. With this course, we can expect our students to get more job opportunities after graduation. By learning this course, our students can have some more strong points than other students.

***Curriculum:** http://www.marshall.edu/senate/ucc/archives/Change_Sport%20agency.pdf

***Name of Area of Emphasis:** Sport Information

***Rationale:** It is required to make a unique course for the student of Sport Information Emphasis area. I can teach the 'Sport Performance Analysis' class based on my expertise. Also, there is no school in the U.S. that students can learn about it within sport management major. With this course, we can expect our students to get more job opportunities after graduation. Currently, about 5-6 out of 10 job openings in our field is about analysis or analytics. By learning this course, our students can have some more strong points than other students.

***Curriculum:** http://www.marshall.edu/senate/ucc/archives/Change_Sport%20information.pdf

• **COLLEGE of INFORMATION TECHNOLOGY and ENGINEERING**

***Name of Area of Emphasis:** Civil Engineering

***Rationale:** There are two primary reasons for the proposed changes to the Civil Engineering Area of Emphasis to the Bachelor of Science in Engineering (TE20):

- Reduce Incompatibility - Currently, many of the ENGR course taken by civil engineering students are also taken by mechanical engineering and electrical/computer engineering students as well. While this is fine in most cases, due to the incompatibility of some topics in the curriculum (such as the use of particular software packages and certain laboratory experiences), there is a need to create separate CE courses, specifically in CAD (computer-aided drafting) and Fluid Mechanics Lab.

- Continuous Improvement and Preparation Towards Licensure - The Engineering Division is proposing additional changes to the curriculum to better prepare students for the Fundamentals of Engineering (FE) Exam as well as to improve the general quality of the degree. For example, CE 351 (Environmental Engineering) has taken the place of CE 432 (Water and Wastewater Treatment) since the course covers a more broad range of topics.

Note that our Division will require no additional faculty, equipment, space, or resources to accommodate the proposed changes.

***Curriculum:** <http://www.marshall.edu/senate/ucc/archives/BSE%20TE20.pdf>


***Name of Area of Emphasis:** Mechanical Engineering

***Rationale:** Replace ENGR 221 with ENGR 222 Cost Analysis. Engineering students are not currently getting maximum benefit from the course due to the presence of non-engineering majors and the limited math skills of some majors that take the course. ME students also need to be exposed to more detailed cost estimation, particularly related to construction.

***Curriculum:** <http://www.marshall.edu/senate/ucc/archives/BSME%20TE30.pdf>

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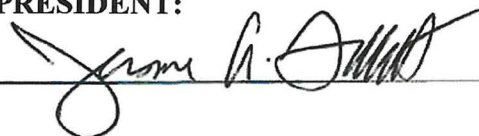
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